AMF-Lighting
Power Plan
2018-08-29

Grid AMF-Lighting

Grid R	Link
	125A 3ϕ
Z_s	0.4936 Ω
$I_{pf\ (L-N)}$	467.87 A ($3.7I_n$)
V_{drop}	15.7 V (6.8%)

Grid Q	Link
	125A 3ϕ
Z_s	0.4921 Ω
$I_{pf\ (L-N)}$	469.3 A ($3.8I_n$)
V_{drop}	14.2 V (6.1%)

AMF-Lighting	125AMF-EVENT
125A 3ϕ	125A 3ϕ
	63A 3ϕ
	32A 3ϕ
	16A 1ϕ
Z_s	0.4936 Ω
$I_{pf\ (L-N)}$	467.87 A ($3.7I_n$)
V_{drop}	15.7 V (6.8%)
Load	5 kW

32A 3ϕ 6mm²
10m (8.0m spare)

Lighting	EPS/32
32A 3ϕ	32A 3ϕ
	9 × 16A 1ϕ
Z_s	0.5666 Ω
$I_{pf\ (L-N)}$	407.59 A ($12.7I_n$)
V_{drop}	16.7 V (7.2%)
Load	5 kW